ICOM 5047: Computer Engineering Design Course
Spring 2010: Fernando Vega, Wilson Rivera, and Nayda Santiago

Proposal Format

Note: The length of the proposal must not exceed 15 pages. If the proposal exceeds 15 pages, it will be graded only until page number 15. An appendix might be included if additional information is necessary (anything that will interrupt the flow of the proposal). Please read the evaluation sheet to make sure you include all elements requested in the proposal.

Title page
    Will contain the title, name of the organization (UPRM, ECE), team members, date, group's name, logo, and course.
Abstract
Table of Contents
Executive Summary
    Project Overview
    Deliverables
    Milestones
    Justification and Economical aspects
Introduction
    Problem Statement (*See evaluation sheet)
    Project Antecedents (Market Description, Similar products, Competitive advantage, Standards, please see evaluation sheet)
    Objectives (SMART)
    Impact (Social, legal, environmental, etc.)
Product Specifications
    System overview and block diagram
    Hardware Specifications
        Block Diagram
        Considerations
    Software Specifications
        Software Diagram (Architecture)
        Considerations
    Testing
    Restrictions/Scope
Project Management
    Organization Breakdown Structure
    Project Skills and Resources Assigned
    Resources
        Biographies of team members
        Technical Resources
    Work Breakdown Structure
    Gantt (identify critical path)
    Managerial Approach
    Progress Evaluation Plan (include metrics, please see evaluation sheet)
    Risk Plan
    Budget
References (References must be cited in the text)
Appendix